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Appln. Serial No. 09/960,008

Amendment Dated January 16, 2008

Reply to Office Action Mailed October 16, 2007

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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1        1. (Currently Amended) A method of performing wireless communications,  
2 comprising:  
3                communicating bearer traffic for a packet-switched communications session  
4 between a mobile station and a first base station associated with a first type of wireless system;  
5                determining if handoff is required from the first base station to a second base  
6 station associated with a second, different type of wireless system; and  
7                in response to determining that the handoff is required, sending a message from  
8 the first base station to the second base station over an interface between the first base station  
9 and second base station, the message indicating to the second base station that handoff is  
10 required.

1        2. (Cancelled)

1        3. (Original) The method of claim 1, wherein the first base station comprises an IS-  
2 2000 base station, and wherein communicating the bearer traffic comprises communicating the  
3 bearer traffic between the mobile station and the IS-2000 base station.

1        4. (Original) The method of claim 3, wherein determining if handoff is required  
2 from the first base station to the second base station comprises determining if handoff is required  
3 from the IS-2000 base station to a 1xEV access network.

1        5. – 7. (Cancelled)

1        8. (Original) The method of claim 1, wherein the first base station comprises a  
2 1xEV access network, and wherein communicating the bearer traffic comprises communicating  
3 the bearer traffic between the mobile station and the 1xEV access network.

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1        9. (Previously Presented) The method of claim 8, wherein determining if handoff is  
2 required from the first base station to the second base station comprises determining if handoff is  
3 required from the 1xEV access network to a 1xRTT base station.

1        10. – 11. (Cancelled)

1        12. (Previously Presented) The method of claim 1, further comprising sending  
2 another message from the second base station to the first base station to initiate a handoff  
3 procedure.

1        13. (Previously Presented) The method of claim 12, further comprising sending a  
2 further message from the first base station to the second base station to indicate that the mobile  
3 station has been directed to hand off to the second base station.

1        14. (Previously Presented) The method of claim 1, wherein sending the message  
2 comprises sending the message over a link between the first base station and the second base  
3 station.

1        15. (Previously Presented) The method of claim 1, further comprising performing a  
2 hard handoff between the first base station and the second base station.

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1        16. (Currently Amended) ~~An apparatus associated with a~~ A first base station system  
2    that performs wireless communications with a mobile station according to a first protocol, the  
3    ~~apparatus~~ first base station system comprising:

4                an interface to a second base station system that performs wireless  
5    communications with the mobile station according to a second, different protocol; and  
6                a controller to communicate bearer traffic for a packet-switched communications  
7    session with the mobile station,

8                the controller to further exchange messaging with the second base station system  
9    through the interface to perform a handoff of the packet-switched communications session from  
10   the first base station system to the second base station system.

1        17. (Currently Amended) The ~~apparatus~~ first base station system of claim 16,  
2    wherein the controller is to perform the handoff by performing a hard handoff.

1        18. (Currently Amended) The ~~apparatus~~ first base station system of claim 16,  
2    wherein the controller is to communicate bearer traffic according to a 1xRTT format with the  
3    mobile station.

1        19. (Cancelled)

1        20. (Currently Amended) The ~~apparatus~~ first base station system of claim 18,  
2    wherein the second base station system comprises a 1xEV base station, and wherein the  
3    controller is to exchange the messaging with the 1xEV base station.

1        21. (Currently Amended) The ~~apparatus~~ first base station system of claim 16,  
2    wherein the controller is to exchange the messaging by sending a message indicating that a  
3    handoff is required to the second base station system through the interface.

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1        22. (Currently Amended) The ~~apparatus~~ first base station system of claim 21,  
2        wherein the controller is to exchange the messaging by receiving a message initiating the handoff  
3        procedure.

1        23. (Currently Amended) The ~~apparatus~~ first base station system of claim 22,  
2        wherein the controller is to send a further message from the first base station system to the  
3        second base station system to indicate that the mobile station has been directed to hand off to the  
4        second base station system.

1        24. (Previously Presented) An article comprising at least one storage medium  
2        containing instructions that when executed cause a first base station system to:  
3                exchange signaling according to a first protocol with a mobile station to establish  
4                a packet-switched communications session between the mobile station and another endpoint;  
5                determine if a handoff is required to a second base station system that performs  
6                wireless communications with the mobile station according to a second, different protocol; and  
7                exchange messaging with the second base station system through a link between  
8        the first and second base station systems to perform the handoff.

1        25. (Previously Presented) The article of claim 24, wherein the first base station  
2        comprises a 1xRTT base station, and wherein the instructions when executed cause the first base  
3        station system to exchange 1xRTT signaling with the mobile station.

1        26. (Previously Presented) The article of claim 25, wherein the instructions when  
2        executed cause the first base station system to determine if handoff is required by determining if  
3        handoff is required from the 1xRTT base station to one of a 1xEV access network and a High  
4        Data Rate (HDR) access network.

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1        27. (Original) The article of claim 24, wherein the first base station comprises one of  
2        a High Data Rate (HDR) access network and a 1xEV access network, and wherein the  
3        instructions when executed cause the first base station system to exchange one of High Data Rate  
4        (HDR) signaling and 1xEV signaling with the mobile station.

1        28. (Previously Presented) The article of claim 27, wherein the instructions when  
2        executed cause the first base station system to determine if handoff is required by determining if  
3        handoff is required from the one of the High Data Rate (HDR) access network and 1xEV access  
4        network to a 1xRTT base station.

1        29. (Previously Presented) The article of claim 24, wherein the instructions when  
2        executed cause the first base station system to exchange the messaging by sending a message to  
3        the second base station system indicating that a handoff is required.

1        30. (Previously Presented) The method of claim 1, wherein sending the message  
2        comprises sending the message over a link that directly connects the first base station and second  
3        base station.

1        31. (Previously Presented) The apparatus of claim 16, wherein the interface allows  
2        the messaging to be sent from the first base station system directly to the second base station  
3        system.

1        32. (Previously Presented) The article of claim 24, wherein exchanging the  
2        messaging with the second base station through the link comprises exchanging the messaging  
3        with the second base station through the link that directly connects the first base station system to  
4        the second base station system.

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1       33. (Previously Presented) The method of claim 1, wherein the mobile station  
2   comprises a hybrid mobile station that is able to support at least two different wireless  
3   communications protocols including a first wireless communications protocol and a second  
4   wireless communications protocol,

5                    wherein determining if the handoff is required from the first base station to the  
6   second base station comprises determining if the handoff is required from the first base station  
7   that communicates with the hybrid mobile station according to the first wireless communications  
8   protocol, to the second base station that communicates with the hybrid mobile station according  
9   to the second wireless communications protocol.

1       34. (Previously Presented) The method of claim 33, wherein the first wireless  
2   communications protocol comprises a 1xEV protocol, and the second wireless communications  
3   protocol comprises a 1xRTT protocol.

1       35. (Previously Presented) The apparatus of claim 16, wherein the mobile station  
2   comprises a hybrid mobile station that is able to perform wireless communications according to  
3   both the first and second protocols, the controller to communicate the bearer traffic with the  
4   hybrid mobile station.

1       36. (Previously Presented) The apparatus of claim 35, wherein the first protocol  
2   comprises a 1xEV protocol, and the second protocol comprises a 1xRTT protocol.

1       37. (Previously Presented) The article of claim 24, wherein exchanging the signaling  
2   with the mobile station comprises exchanging the signaling with a hybrid mobile station that is  
3   able to perform wireless communications according to both the first and second protocols.

1       38. (Previously Presented) The article of claim 37, wherein the first protocol  
2   comprises a 1xEV protocol, and the second protocol comprises a 1xRTT protocol.